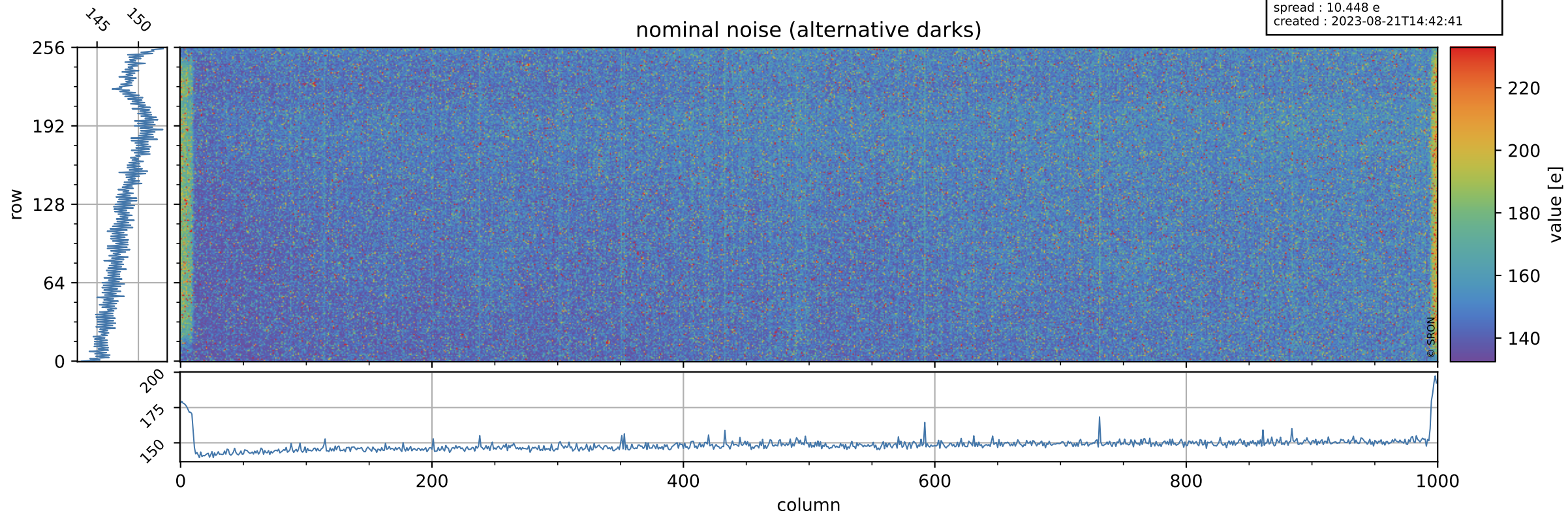


Tropomi SWIR background noise (swir)

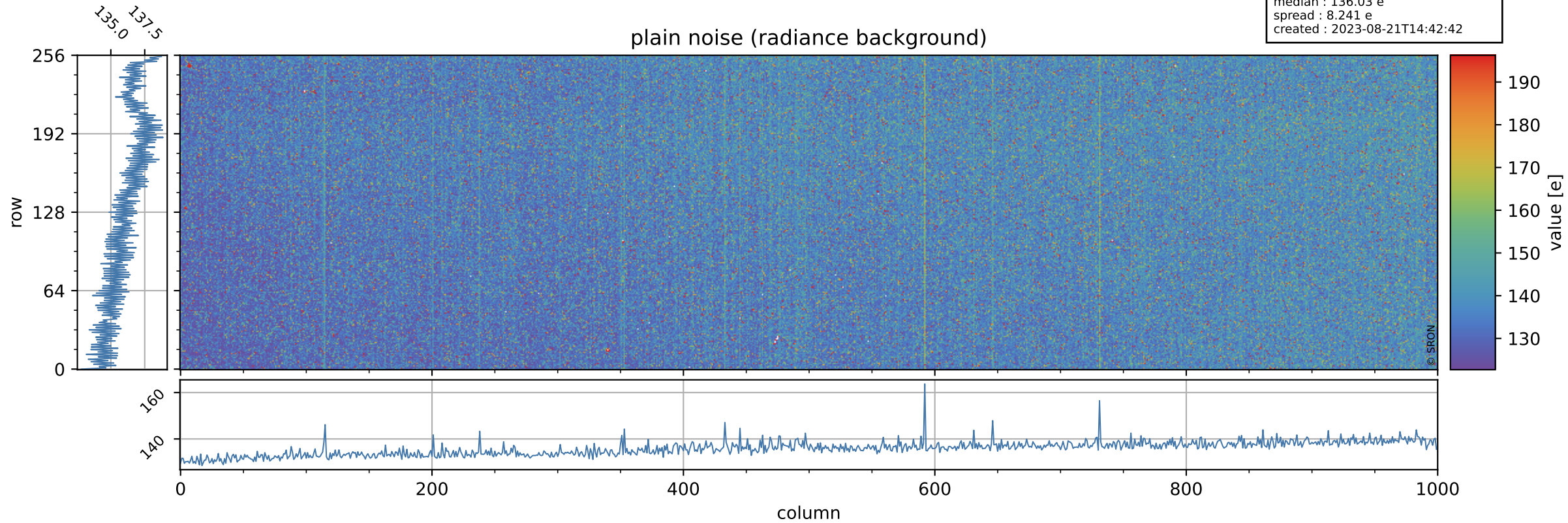
orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.448 e
created : 2023-08-21T14:42:41



Tropomi SWIR background noise (swir)

orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
n_coad, t_exp : 2, 0.5383
median : 136.03 e
spread : 8.241 e
created : 2023-08-21T14:42:42

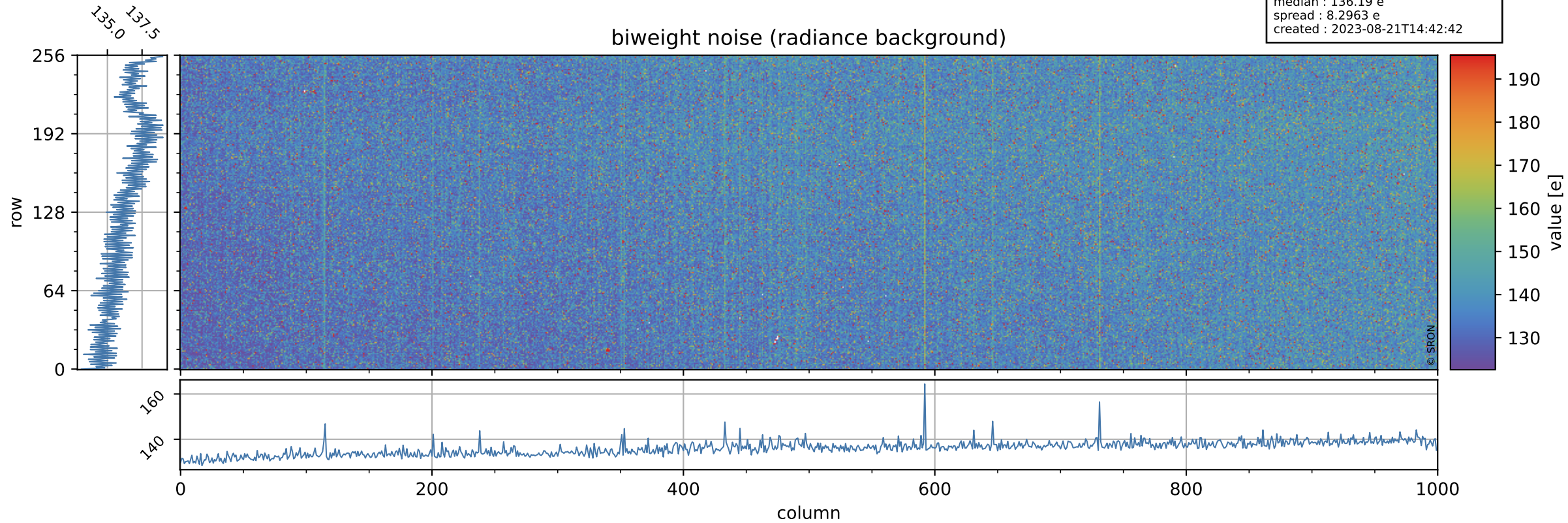
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.2963 e
created : 2023-08-21T14:42:42

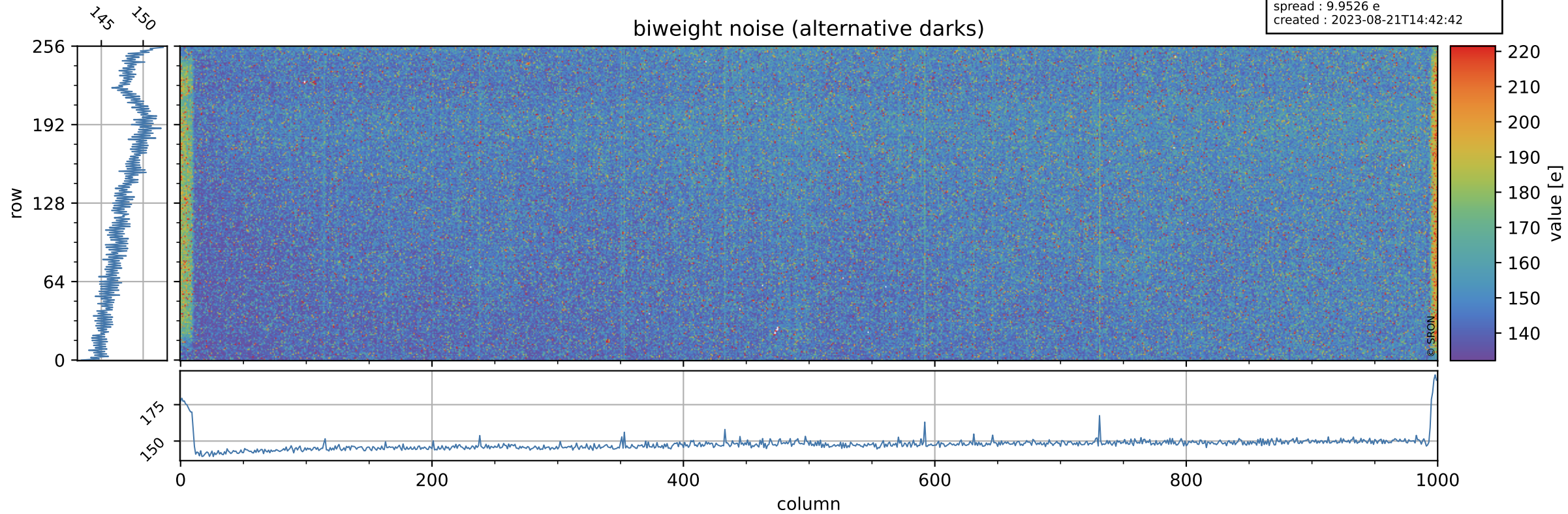
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 9.9526 e
created : 2023-08-21T14:42:42

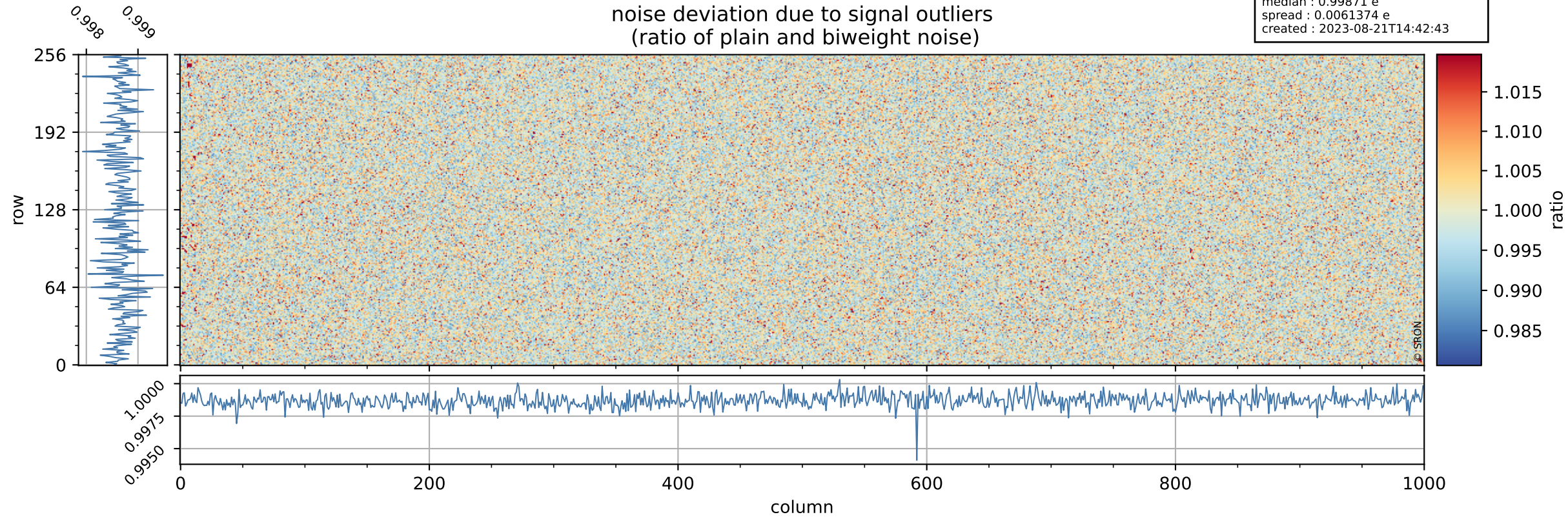
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

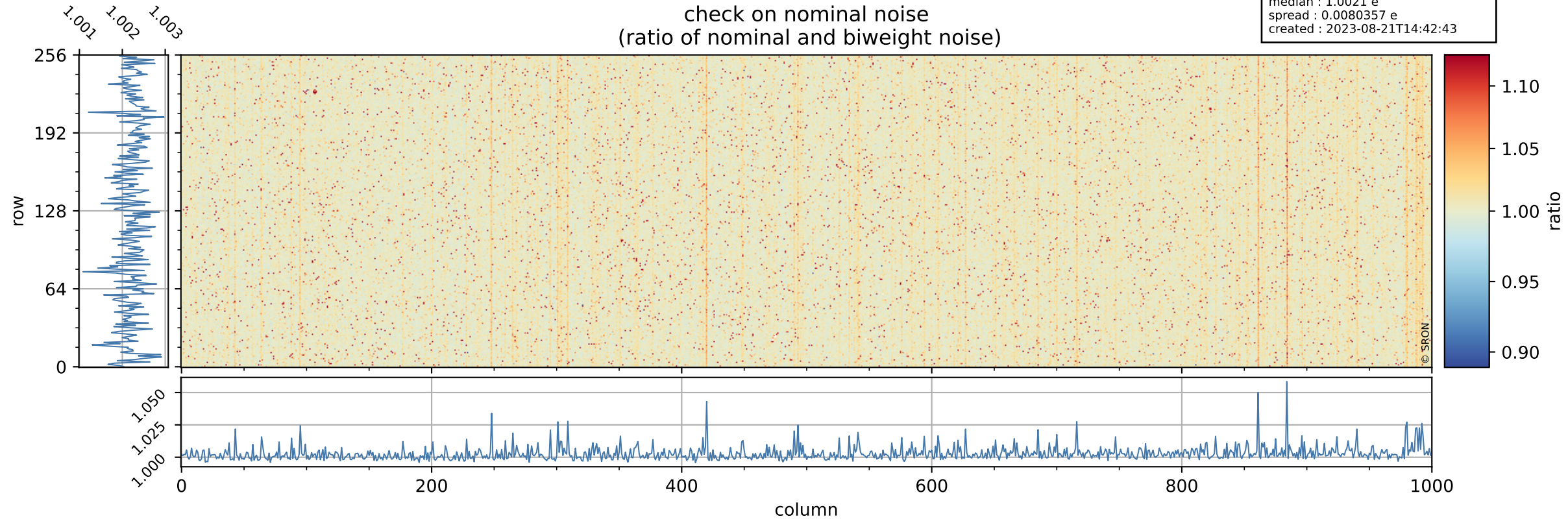
orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
median : 0.99871 e
spread : 0.0061374 e
created : 2023-08-21T14:42:43



Tropomi SWIR background noise (swir)

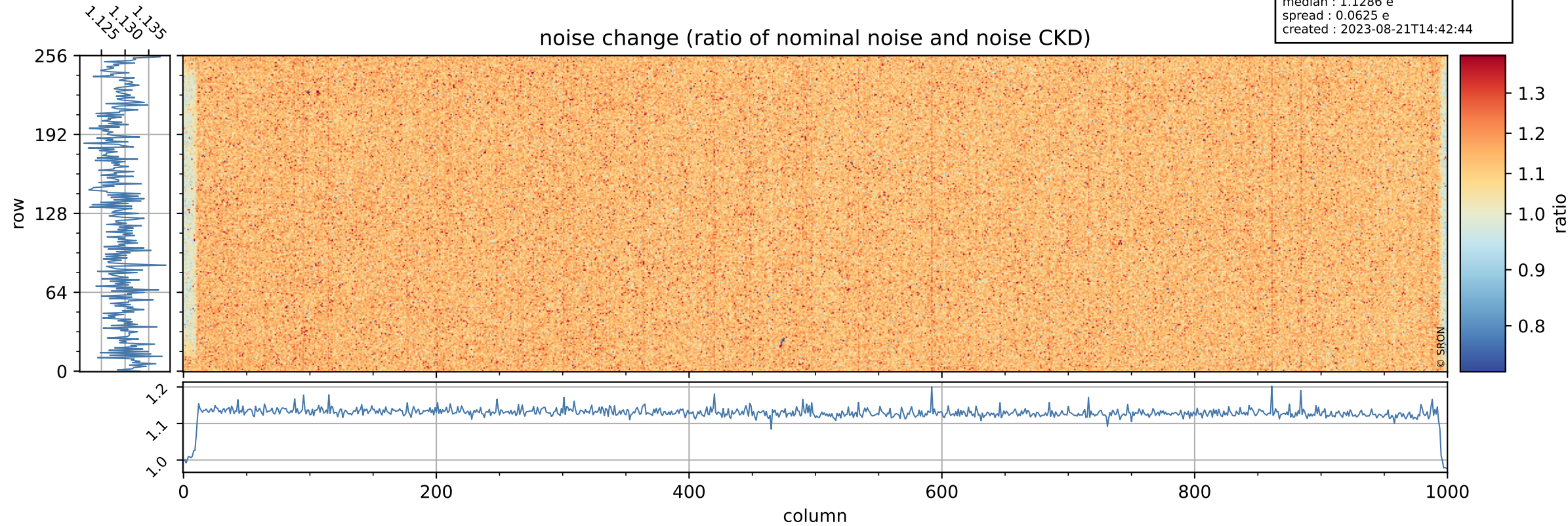
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
median : 1.0021 e
spread : 0.0080357 e
created : 2023-08-21T14:42:43



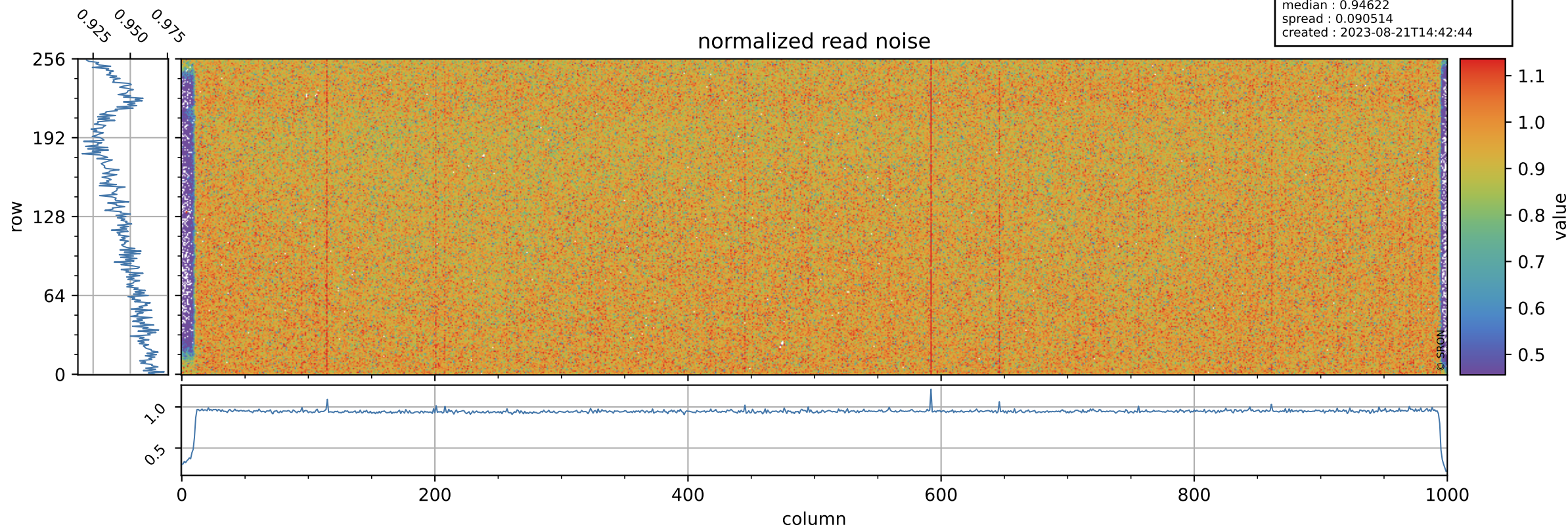
Tropomi SWIR background noise (swir)

orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
median : 1.1286 e
spread : 0.0625 e
created : 2023-08-21T14:42:44



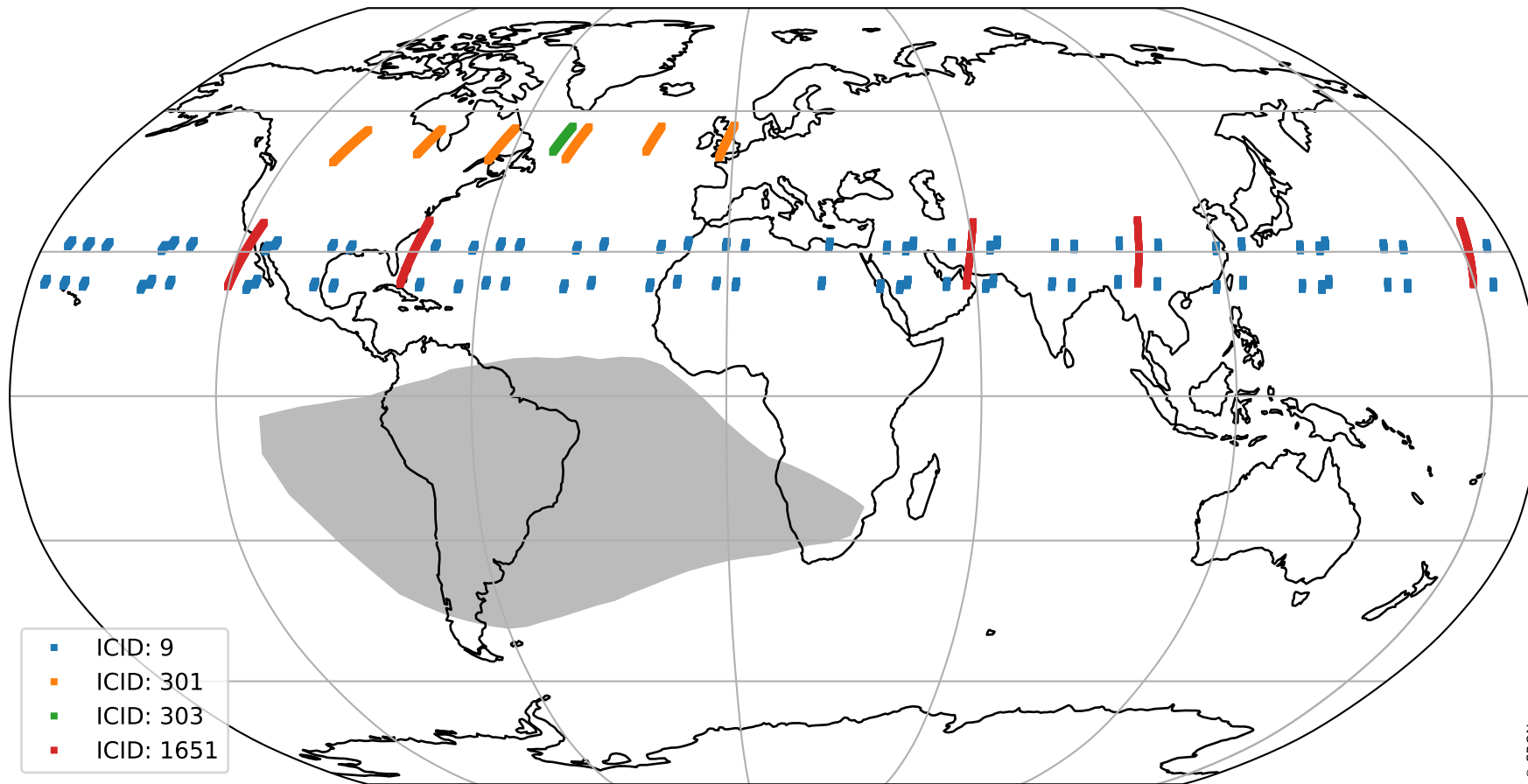
Tropomi SWIR background noise (swir)

orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
median : 0.94622
spread : 0.090514
created : 2023-08-21T14:42:44



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

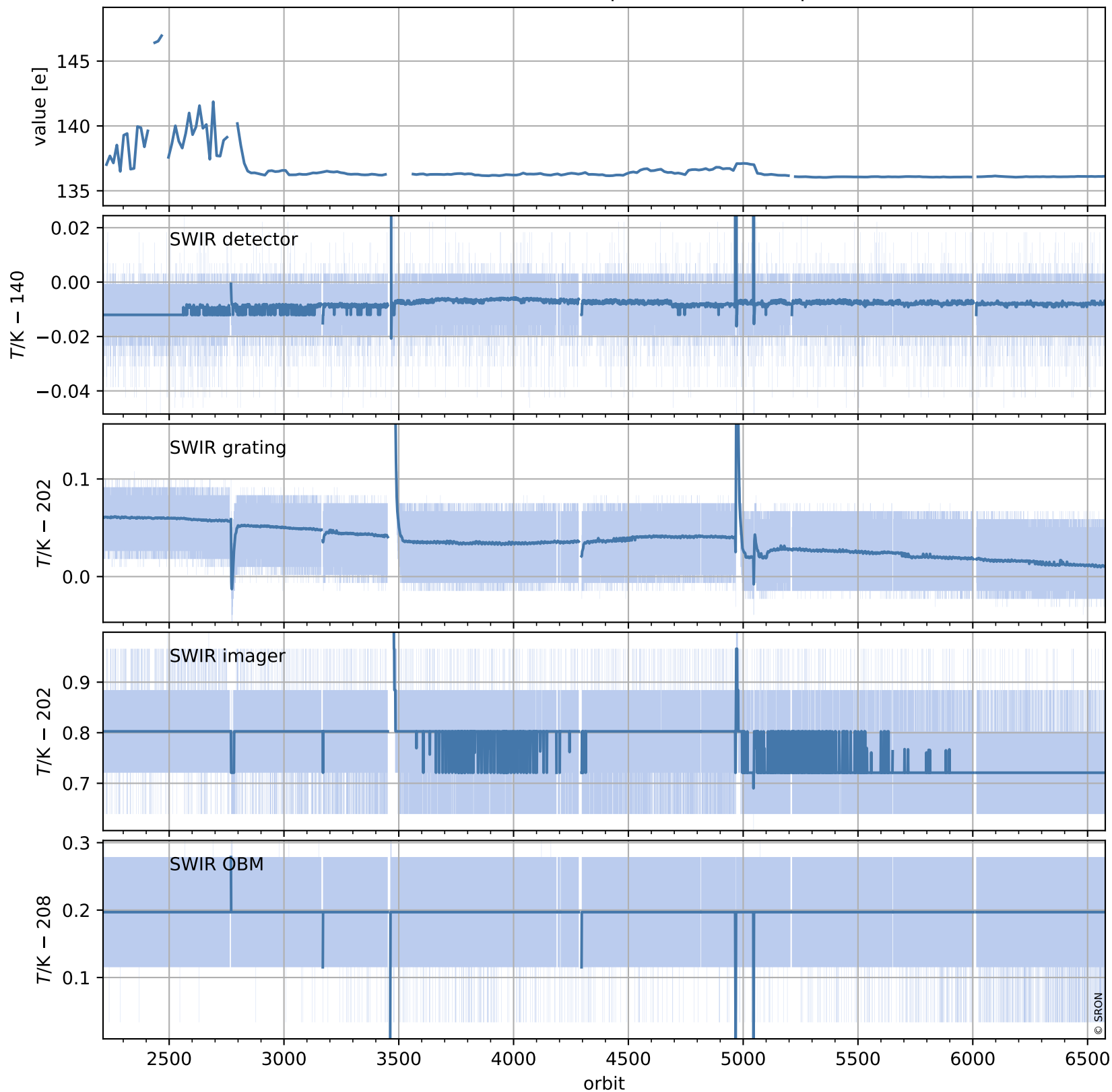
orbits : 12 in [6502, 6577]
coverage : 2019-01-14 / 2019-01-19
created : 2023-08-21T14:42:44



Tropomi SWIR background noise (swir)

orbits : [2212, 6577]
coverage : 2018-03-18 / 2019-01-19
created : 2023-08-21T14:42:45

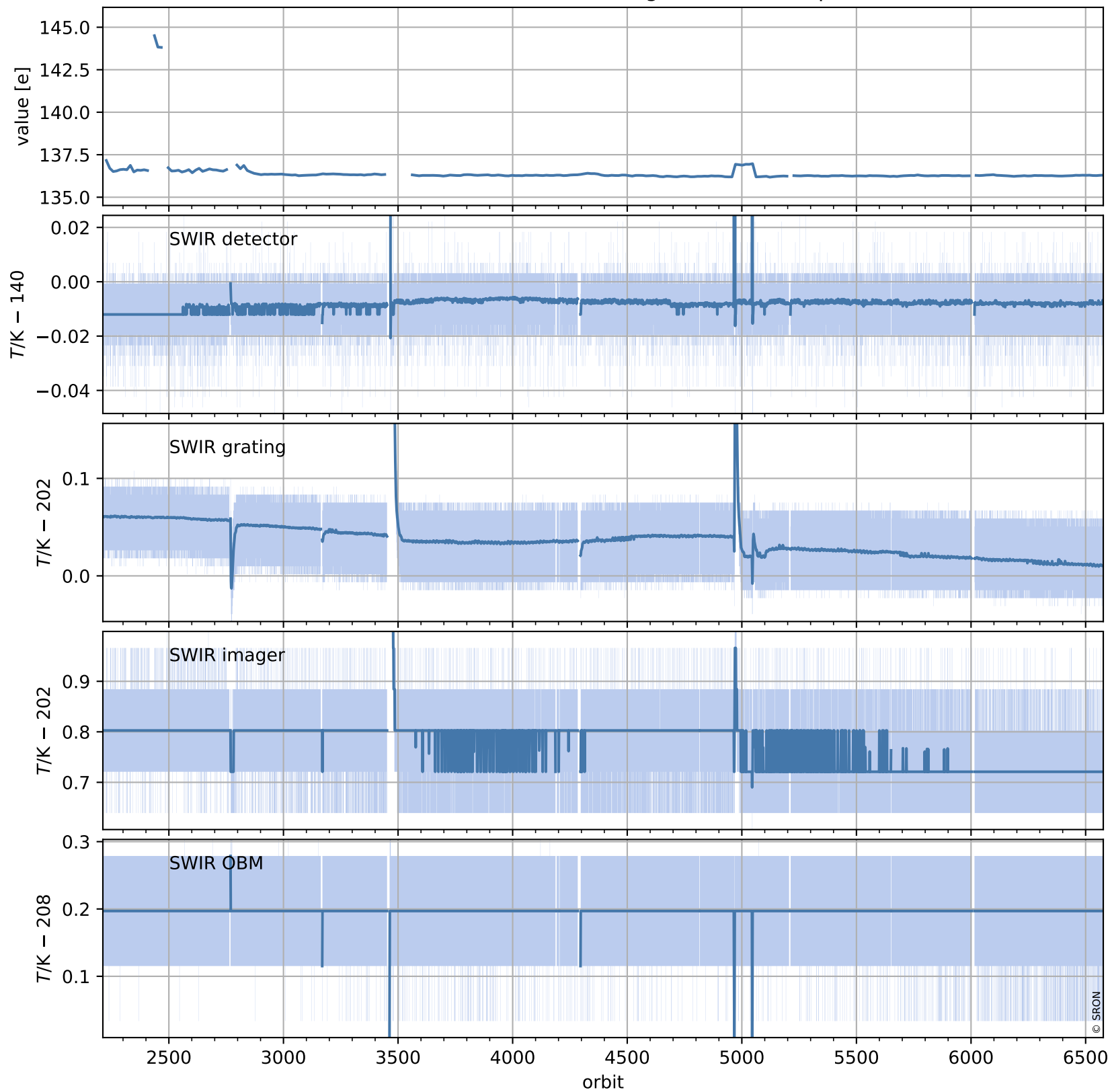
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6577]
coverage : 2018-03-18 / 2019-01-19
created : 2023-08-21T14:42:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6577]
coverage : 2018-03-18 / 2019-01-19
created : 2023-08-21T14:42:46

trend of normalized read-noise & temperatures

